



Agropharm

SAFETY DATA SHEET AQUABLAST EC ULV

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME AQUABLAST EC ULV
 PRODUCT NO. FP145
 SUPPLIER Agropharm Limited
 Buckingham Place,
 Church Road, Penn,
 High Wycombe
 Bucks
 HP10 8LN
 Tel: +44 (0) 1494 816575
 Factory: +44 (0)1952 740333
 Fax: +44 (0) 1494 816578
 sales@agropharm.co.uk
 EMERGENCY +44 (0) 1952 740 333
 TELEPHONE

2 HAZARDS IDENTIFICATION

Flammable. Irritating to eyes. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

CLASSIFICATION Xn;R65. Xi;R36. R43. N;R50/53. R10.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	10-30%	R10 Xn;R20 Xi;R36/37/38 N;R51/53
BIOALLETHRIN	209-542-4	584-79-2	< 1%	Xn;R20/22. N;R50/53.
BUTANOL-norm	200-751-6	71-36-3	1-5%	R10 Xn;R22 Xi;R37/38,R41 R67
DODECYLBENZENE SULPHONATE CALCIUM SALT	247-557-8	26264-06-2	1-5%	Xi;R36/38.
ODOURLESS KEROSENE	294-799-5	91770-15-9	30-60%	Xn;R65.
PERMETHRIN	258-067-9	052645-53-1	10-30%	Xn;R20/22 R43 N;R50/53
PIPERONYL BUTOXIDE	200-076-7	51-03-6	10-30%	N;R50/53.
SOLVENT NAPHTHA, LIGHT	265-199-0	64742-95-6	10-30%	Xn;R65.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air.

When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

AQUABLAST EC ULV

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BUTANOL-norm	WEL			50 ppm(Sk)	154 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

AQUABLAST EC ULV

RESPIRATORY EQUIPMENT

Wear suitable respiratory protection.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Mobile Liquid		
COLOUR	Brown		
ODOUR	Aromatic.		
SOLUBILITY	Forms an emulsion with water. Soluble in Organic solvents		
RELATIVE DENSITY	0.9 @ 20 °c	FLASH POINT (°C)	~ 50 TCC (Tag closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS POLYMERISATION

Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours irritate the respiratory system, and may cause coughing and difficulties in breathing.

INGESTION

May cause stomach pain or vomiting.

SKIN CONTACT

May cause sensitisation by skin contact. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYE CONTACT

May cause severe irritation to eyes.

HEALTH WARNINGS

SKIN CONTACT. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation. EYE CONTACT. May cause severe irritation to eyes.

TARGET ORGANS

Skin. Eyes. Respiratory system, lungs.

12 ECOLOGICAL INFORMATION

AQUABLAST EC ULV

ECOTOXICITY

The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

ACUTE FISH TOXICITY

Very toxic to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Absorb in vermiculite or dry sand, dispose in licensed hazardous waste.

14 TRANSPORT INFORMATION



UK ROAD CLASS	6.1		
PROPER SHIPPING NAME	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE (PERMETHRIN, BUTANOL-norm, 1, 2, 4-TRIMETHYLBENZENE)		
UN NO. ROAD	3351	UK ROAD PACK GR.	II
ADR CLASS NO.	6.1	ADR CLASS	Class 6.1:Toxic substances.
ADR PACK GROUP	II	TUNNEL RESTRICTION CODE	(D/E)
HAZARD NO. (ADR)	63 Toxic substance, flammable (flash-point between 23°C and 60°C, inclusive).		63
ADR LABEL NO.	6.1 & 3	HAZCHEM CODE	3W
CEFIC TEC(R) NO.	61GTF2-II	RID CLASS NO.	6.1
RID PACK GROUP	II	UN NO. SEA	3351
IMDG CLASS	6.1	IMDG PACK GR.	II
EMS	F-E, S-D	UN NO. AIR	3351
AIR CLASS	6.1	AIR SUB CLASS	3
AIR PACK GR.	II		

15 REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the environment

CONTAINS

ODOURLESS KEROSENE
 PERMETHRIN
 SOLVENT NAPHTHA, LIGHT

RISK PHRASES

R10 Flammable.
 R36 Irritating to eyes.
 R43 May cause sensitisation by skin contact.

AQUABLAST EC ULV

R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

SAFETY PHRASES

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16 OTHER INFORMATION

GENERAL INFORMATION

The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product.

REVISION COMMENTS

Formulation adjustment. Section 1 updated. Section 14 updated.

ISSUED BY

K. Jones.

REVISION DATE 01/04/2009

RISK PHRASES IN FULL

R10	Flammable.
R20/22	Harmful by inhalation and if swallowed.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37/38	Irritating to respiratory system and skin.
R43	May cause sensitisation by skin contact.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.